



ARES2.0 Series
Thermal Imaging

Thermal Tube Scope Ares360 2.0

Technical Specifications



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Ares360 2.0

Key Features

- 384*288 thermal resolution, NETD \leq 20mK;
- 20/60mm Lens, Dual Field of View;
- 5 colors and 7 reticle choices for reticle options;
- Freeze and zoom of zeroing improve shooting accuracy.;
- Automatic object detection and distance measurement;
- Self-learning image calibration;
- Ultra-long battery life reaches to 18hrs;
- 5 zeroing profiles meet various needs;
- RAV function allows recording every terrific shot;
- Rotary knob design;

Applications

- Night hunting
- Observation

Specifications



Model	ARES360 2.0
Microbolometer	
Type	Uncooled
Resolution	384x288
Pixel pitch	12μm
NETD	≤20mK
Spectral range	8-14μm
Frame rate	50HZ
Detection Range	1000/3000m
Objective lens	20/60mm, F1.0
Field of view	13.1°x9.8° / 4.4°x3.3°
m@100m	23x17.3/7.7x5.8
Magnification	1.8X/5.5X
Digital zoom	1.0-4.0X smooth & rapid zoom
Eye relief	50mm
Exit pupil	6mm
Diopter	±5D
Aiming Reticle	
Reticle	7
Reticle color	5, Black. white, red, green, blue
Display	
Type	AMOLED
Resolution	1024x768
Display size	0.39 inch
Color palette	6

Function	
Max. recoil power on rifled weapon	6000J
Mounting brackets on weapon	Standard 30mm rings
RAV	Yes
Audio Recording	Yes
Auto zeroing	Yes
Manual zeroing	Yes
Zeroing profiles	5
Freeze Zeroing	Yes
Picture-in-picture	Yes
AI ranging	Yes
Image calibration	Manual/Auto
Video Recorder	
Phone/video playback	Yes
Inbuilt memory	64GB
Interface	
Type C	Data transfer
Hotspot	Yes
Battery	
Battery type	Replaceable, 1*18650 or 18500 battery, 1*18650 inbuilt battery
Battery reverse connection	Yes
Battery life	18h
Operating temperature	-20- +50°C
IP rating	IP67
Weight, g	1072
Size, mm	435.7*89.5*92.9
Accessories	
External cable	USB data cable
Other accessory	2x standard 30mm rings, eyeshade and etc.

Accessories



Scope (x1)



18650 battery cap (x1)



USB cable (x1)



Eyeshade (x1)



18500 battery cap (x1)



30mm tube clip (x2)



Lithium battery (x2)



Charger(X1)



Lens cloth (x1)

Dimension

Unit: mm

